

Amendments to the Specification

At specification page 1, before the paragraph beginning with "[t]his is a nationalization of," insert the following heading:

CROSS-REFERENCE TO RELATED APPLICATION

At specification page 1, before the paragraph beginning with "[t]he invention relates to," insert the following headings:

BACKGROUND OF THE INVENTION

1. Field of Invention

At specification page 1, before the paragraph beginning with "[i]n other technical fields," insert the following heading:

2. Description of the Prior Art

At specification page 2, before the paragraph beginning with "[t]his object is achieved by an apparatus," insert the following heading:

SUMMARY OF THE INVENTION

At specification page 3, before the paragraph beginning with "[f]urther exemplifying embodiments of the invention" insert the following heading:

BRIEF DESCRIPTION OF THE DRAWINGS

At specification page 4, before the paragraph beginning with "[t]he figures below," insert the following heading and paragraph:

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Further scope of applicability of the present invention will become apparent from the detailed description given hereinafter. However, it should be understood that the detailed description and specific examples, while indicating preferred embodiments of the invention, are given by way of illustration only, since various changes and modifications within the spirit and scope of the invention will become apparent to those skilled in the art from this detailed description.

At specification page 4, replace the paragraph beginning with "Figure 2 represents" with the following replacement paragraph:

Figure 2 represents another glue application apparatus 20 according to the prior art which is typically employed for gluing bag bottoms 1. To that end, a stereotype or blank 12, which is usually attached to the periphery of the stereotype cylinder 13, is brought into contact with the glue transfer cylinders 28 through the rotation of the stereotype cylinder 13 about its axis 25 in the direction of arrow 16, and is thus charged with glue. To that end, the blank has depressions which are not represented, which are

filled with glue during contact with the glue transfer ~~drums~~
cylinders 28.

At specification page 5, replace the paragraph beginning with "[o]n their part, the glue transfer drums 28" with the following replacement paragraph:

On their part, the glue transfer ~~drums~~ cylinders 28 limit the opening of a glue reservoir 21 and transport glue from the glue reservoir 21 to the stereotype 12 on their perimeter during rotation.

At specification page 5, replace the paragraph beginning with "Figure 3 represents" with the following replacement paragraph:

Figure 3 represents a sketch of a sheet gluing station 30 of an inventive block bottom laying machine which provides sheets 2, already singled and being conveyed in the direction of arrow x, with glue trails 3. To that end, the gluing station 30 is equipped with an application head 31. This application head is provided with glue by means of the tube 33. Inside the application head 31, the glue is distributed by suitable glue lines to the valves 32, which are attached to the application head 31 in two rows that run transverse to the transport direction x of sheets 2. These valves 32 are at least able to release or block the glue flow. ~~They~~ The

valves 32 are drivable by means of external, preferably electrical, signals, and ~~they~~ the valves 32 ~~[-sie]~~ withstand the glue pressure.

At specification page 5, replace the paragraph beginning with "[l]ocated on the bottom of the application head 31" with the following replacement paragraph:

Located on the bottom of the application head 31[[,]] ~~which is not represented in Figure 3,~~ are glue outputs 71 (which are not represented in Figure 3), through which the glue leaves the application head 31 and forms the glue trails 3. Arrow x points in the transport direction of the sheets 2, whereas arrow y points in the horizontal direction running transverse thereto.

At specification page 6, replace the paragraph beginning with "[t]he different glue trails 45 to 48" with the following replacement paragraph:

The different glue trails ~~45~~ 44 to ~~48~~ 47 give some idea of how flexibly such an inventive apparatus can generate formats when the valves are switched even faster.

At specification page 7, replace the paragraph beginning with "[a]s already mentioned" with the following replacement paragraph:

As already mentioned, Figures 5a) and b) represent a u-shaped 4a) and a rectangular glue format 4b) on two sheets 2. The

u-shaped glue format is composed of continuous 3 and short glue trails 45 ~~{s1e}~~. The glue format in the shape of a rectangular frame 4b) is composed of continuous 3 and interrupted glue trails 46. The different course of the glue trails is the result of a selective driving of the glue valves 32 during the gluing of a bag component 1, 2.

At specification page 8, replace the paragraph beginning with "[t]here remains the pressure measuring devices 132, 133" with the following replacement paragraph:

There remains the pressure measuring devices 132, 133, which permit the measuring of the pressure directly at the second and third glue reservoir. These pressure meters can be necessary for the purpose of monitoring the correct gluing[[]] ~~Allow~~ and allow even a real controlling of the amount of glue applied and other process parameters ~~{s1e}~~.

At specification page 9, after the last line, insert the following paragraphs:

According to another embodiment of the invention, the third glue reservoir (103) communicates with a pressure reservoir.

According to still another embodiment of the invention, the third glue reservoir (103) includes several glue pressure levels connected in series.

The invention being thus described, it will be apparent that the same may be varied in many ways. Such variations are not to be regarded as a departure from the spirit and scope of the invention, and all such modifications as would be recognized by one skilled in the art are intended to be included within the scope of the following claims.

At specification page 13 (i.e., the first claims page), insert the following heading:

WHAT IS CLAIMED IS: